

Radiological And Occupational Health
Post Office Box 1480
Winter Haven, Florida 33880

May 14, 1979

John D. Critser
Development Manager
Regal Real Estate of Polk County Inc.
4510 South Florida Avenue
Lakeland, Florida 33803

Dear Mr. Critser:

We found varied readings in our gamma radiation survey of the Village South Project. I found it easier to send back your plans for both Phase I and II developments with our readings recorded (all readings in microroentgens per hour). There is an interim guideline which states that any construction on land equal to or exceeding 10 microroentgens per hour should be delayed pending additional study or acceptable control technology should be instituted to preclude indoor radon daughter problems.

As can be seen lot numbers 8, 18, 19, 20, 24, 25, 26, and 27 equal or exceed this guideline, however, all other lots (1-7, 9-17, 21-23) would be considered safe for conventional residential construction under the present interim guideline.

We also took spot readings in one home under construction, as well as, the Phase II project and found both within the guideline.

I have included a document published by E.P.A. which should answer any questions concerning control parameters.

Sincerely,

Keith B. Moore
Industrial Hygienist I

KBM/rch
encl.



10517258

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON Village South Phase II, Pitkin Road
TOWN VISITED Lakeland DATE 9 Nov 78
OWNER OF PROPERTY Regal Development Co PERSON SEEN —
BY WHOM N.M. Gilley TIME SPENT —
REASON FOR VISIT Gamma Survey

REPORT: 6 to 12 micro R/hr measured
Mean outside gamma is approx 9.3 μ R/hr
Ludlum 1215 scintillometer # 7152

John Carlson
11-10-78